

ABSTRACT

Heat exchange unit for pseudo-isothermal reactors including
a substantially cylindrical shell (2) closed at its
5 opposite ends by respective bottoms (3, 4), at least one
thereof is provided with at least one manhole opening (5)
of predetermined dimensions, a reaction zone (6) inside the
shell (2) in order to contain a catalytic bed, comprising
at least two modular and assembly heat exchangers (11),
10 having predetermined cross dimensions smaller than those of
the manhole opening (5), each heat exchanger (11)
comprising at least one heat exchange element (12).